



Maricopa County

Air Quality Department

Planning & Analysis
1001 North Central Avenue
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Maricopa County Air Quality Department

Rule 316 Frequently Asked Questions

July 10, 2008

Portable Sources

1. Does a portable source have to file a revision to its Dust Control Plan each time it moves?

Yes. Dust Control Plans are site specific and must be updated whenever a portable source moves to another location. Rule 316, Section 311.2(b) requires that documentation of soil moisture analysis for the new location be included with an updated Dust Control Plan that is filed with each move notice. Also, an updated Dust Control Plan must include any other revisions necessary to reflect changes in equipment configurations and moisture testing protocols.

Note: Approvals of alternative plans that justify soil moisture content less than 4 percent and conducting fewer soil moisture tests are also site specific and will have to be re-submitted with the move notice.

2. Does a custom crusher, moving to a new site, have to repeat the daily testing required to reduce the frequency of testing or the number of sampling points?

Yes. At a new site, daily testing must be conducted to reduce the frequency of testing or to reduce the number of sampling points. The soil testing reflects site specific conditions.

3. Does a custom crusher, who leaves a site but returns in six months to replenish the sand and aggregate, have to repeat the four weeks of sampling required to justify a reduction in testing frequency to weekly?

If the crusher operates as a stand alone plant, the owner/operator of the crusher must submit, with its move notice, an updated Dust Control Plan with site specific information, even if the crusher was located at the site six months prior. When no one has been maintaining a site, the native soil moisture conditions change in the exposed surfaces. The owner/operator must repeat the daily testing to justify any reduction in testing frequency or number of sampling points.

If the custom crusher is under contract to another facility and will operate under that facility's air quality permit, then a revision to the host facility's Dust Control Plan may not be necessary providing all of the following conditions have been met:

- The host facility's Dust Control Plan/O&M Plans include the custom crusher equipment and operation.
- The custom crusher sets up the same equipment and process configuration identified in the existing host facility's Dust Control Plan/O&M Plans.
- Daily testing of the custom crusher, while located at the host facility's site, has already been completed and approved when applicable.

Screens

4. Is a screen that removes oversize aggregate at an asphaltic concrete batch plant subject to the moisture testing requirements in Section 301.

Yes. All screening processes are subject to Rule 316 Section 301. Therefore, any screening process located at an asphaltic concrete batch plant will also be subject to Rule 316, Section 301 requirements for screening including the requirements to maintain minimum moisture content and conduct moisture testing.



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On-Site Traffic

5. **Several plants find that flood control structures prevent them from laying a full ¼ mile of paved roadway between the rumble grate and the paved area accessible to the public. If the plants are just a little short of the ¼ mile, what can they do?**

The owners/operators may submit a request to the control officer for approval of alternative control measure pursuant to Rule 316, Section 307 consisting of the almost ¼ mile of paved roadway and an added control to compensate for the shortfall in paving. (e.g., Include an additional rumble grate somewhere along the road or add a grizzly so that the truck wheels do not contact dirt crossing the flood control structure.)

Submissions to the control officer may be sent to 1001 N. Central Ave., Suite 400, Phoenix, AZ 85004.

6. **The batch plants at my facility are located in the pit. Am I still required to maintain a cohesive hard surface on the roads serving the asphaltic concrete batch plant and concrete batch plant loading areas?**

Yes. Rule 316, Section 307.4(a) requires all batch trucks and material delivery trucks remain on roads with paved surfaces or cohesive hard surfaces.

7. **An aggregate delivery truck only supplies the batch plants onsite. However, the truck must go through the scales before delivering the aggregate. Does this truck have to remain on a paved or cohesive hard surface?**

Rule 316, Section 307.4(b) provides a limited exemption for the aggregate delivery truck to leave the paved or cohesive hard surface to drive to and return from the aggregate loading area. Otherwise the truck is required to remain on paved roads or cohesive hard surfaces designated for batch trucks and material delivery trucks or for vehicular travel in the permanent areas of the site. The rule assumes that stockpiles shrink, expand or are re-located so that the aggregate loading area will not be a permanent area of the site.

Trackout

8. **My facility has pavement (concrete) throughout the entire site. Do I have to install a rumble grate?**

Yes. See Rule 316, Section 307.6(c) for a list of exemptions from the wheel washer requirements. Several facilities have installed rumble grates with ramps.

9. **A facility exits onto an unpaved public road. What trackout control requirements apply?**

Since the area accessible to the public is unpaved, no trackout control device is required. However, the facility must still comply with the requirement to maintain a hard cohesive surface or paved road on all on-site roads in the permanent areas of the site and on all roads on which batch trucks and material delivery trucks drive.

Subcontractor Registration

10. **Is a company that owns or operates asphalt delivery trucks, ready-mix delivery trucks, and delivery trucks that haul heavy rock to construction sites required to be registered under the Subcontractor Registration Program?**

Although the types of trucks listed above are not specifically identified in the dust generating operation definition, these types of trucks use staging areas, parking areas, material storage areas, or

access routes to and from a site, which is identified as a dust generating operation in the definition. Therefore, a company that owns or operates asphalt delivery trucks, ready-mix delivery trucks, and delivery trucks that haul heavy rock must be registered under the Subcontractor Registration Program.

The sole intent of the Program is for owners, contractors, subcontractors, and suppliers, familiar with their business practices, to mitigate dust or manage a site in their area of expertise. Information on the Subcontractor Registration Program including the application form, instructions and frequently asked questions can be found on the Department's website at:

<http://www.maricopa.gov/aq/divisions/compliance/dust/subcontractorRegistration.aspx>